Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 21 Sep 2021 until 23:59 on Wednesday 22 Sep 2021

Forecast Issued on Tuesday 21 Sep 2021 at 03:47

Confidence: High for a fine, bright day on Tuesday and for increasingly breezy conditions. There is some uncertainty over the extent of rainfall on Wednesday night and again at the end of the week.

Headline for Tuesday 21 Sep 2021: Dry and bright with some sunshine. Breezy.

Mountain weather hazards on Tuesday 21 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny	Sunny	Cloudy	Fog
Precipitation probability					
00%	00%	00%	00%	00%	10%

Forecast for Tuesday 21 Sep 2021

Weather: Areas of hill fog at first with some patchy drizzle possible. These will lift quickly through morning leaving only high cloud and hazy sunshine, this becoming stronger through afternoon. The evening will bring a mixture of clear spells as well as some patchy low cloud developing across the west.

Chance of cloud free mountain/hill tops above 600m: 60% early and late, otherwise 100%.

Visibility: Patches of hill fog may cling to slopes above around 500m in the west through early morning and late evening, but away from these, very good visibility is expected with some far reaching views.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 21 Sep 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/14 W	9/12 W	12/18 W	16/22 SW	15/22 SW	14/22 SW	18/27 SW
300	4/14 W	5/11 NW	9/16 W	10/19 W	8/18 W	6/16 W	10/21 SW
Valley	1/4 N	2/6 W	7/15 W	9/18 SW	5/13 SW	3/11 SW	6/16 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	10/8	12/10	12/10	10/7	10/7	11/8
300	9/8	13/12	15/14	15/13	12/10	12/11	13/11
Valley	8/7	13/13	16/15	16/14	14/13	13/13	14/13
Freezing Level*	3000m	2900m	2500m	2400m	2400m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Excellent conditions in the hills. Wind gusts may be closer to 35mph on summits through evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 21 Sep 2021	0mm	5mm	5mm

Forecast for Wednesday 22 Sep 2021

Weather: The main feature of the day will be strengthening westerly winds which may approach gale force on the most exposed ground by afternoon. Otherwise, the bulk of the day with be dry with bright or sunny spells. Cloud will thicken through evening bringing some rain by midnight.

Maximum wind: West 30-35mph gusting 45mph.

Chance of cloud free mountain/hill tops above 600m: 90%, falling 40% late evening.

Visibility: Very good through much of the day, perhaps becoming hazy through afternoon. Cloud will set in above 500m through late evening.

Temperature: **Valleys:** Plus 12 Celsius rising to 17 Celsius.
At 600m: Around plus 10 Celsius.
Freezing level: Well above summits.

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